

Adventures in Aeronautics			
2008 Science			
State Frameworks			
Mississippi Science			
Grade 3			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	MS	SCI.3.1.c.2	Capacity and weight/mass, in English and metric systems
Adventures in Aeronautics	MS	SCI.3.1.c.3	Time, to the nearest minute
Adventures in Aeronautics	MS	SCI.3.2.a	Investigate to conclude that the weight of an object is always the sum of its parts, regardless of how it is assembled, (e.g., Lego creation/separate blocks, bucket/cups of sand, roll/stacks of pennies, bag/individual potatoes, etc.)
Adventures in Aeronautics	MS	SCI.3.2.c	Investigate and describe forces affecting motion in simple machines (lever, wheel and axle, block and tackle, inclined plane, screw.)
Adventures in Aeronautics			
2008 Science			
State Frameworks			
Mississippi Science			
Grade 4			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	MS	SCI.4.1.c.2	Types of data (height, mass/weight, temperature, length, distance, volume, area, perimeter)
Adventures in Aeronautics	MS	SCI.4.1.f	Explain why scientists and engineers often work in teams with different individuals doing different things that contribute to the results.
Adventures in Aeronautics	MS	SCI.4.2.c.1	Force exerted over a distance causes work to be done and that the result (work) is the product of force and distance
Adventures in Aeronautics			
2008 Science			
State Frameworks			
Mississippi Science			
Grade 5			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	MS	SCI.5.2.c.1	The relative positions and movements of objects using points of reference (distance vs. time of moving objects)
Adventures in Aeronautics	MS	SCI.5.2.c.2	Force required to move an object using appropriate devices (e.g., spring scale)
Adventures in Aeronautics	MS	SCI.5.2.c.4	Effects of an unbalanced force on an object's motion in terms of speed and direction
Adventures in Aeronautics	MS	SCI.5.3.c	Research and cite evidence of the work of scientists (e.g., Pasteur, Fleming, Salk) as it contributed to the discovery and prevention of disease.